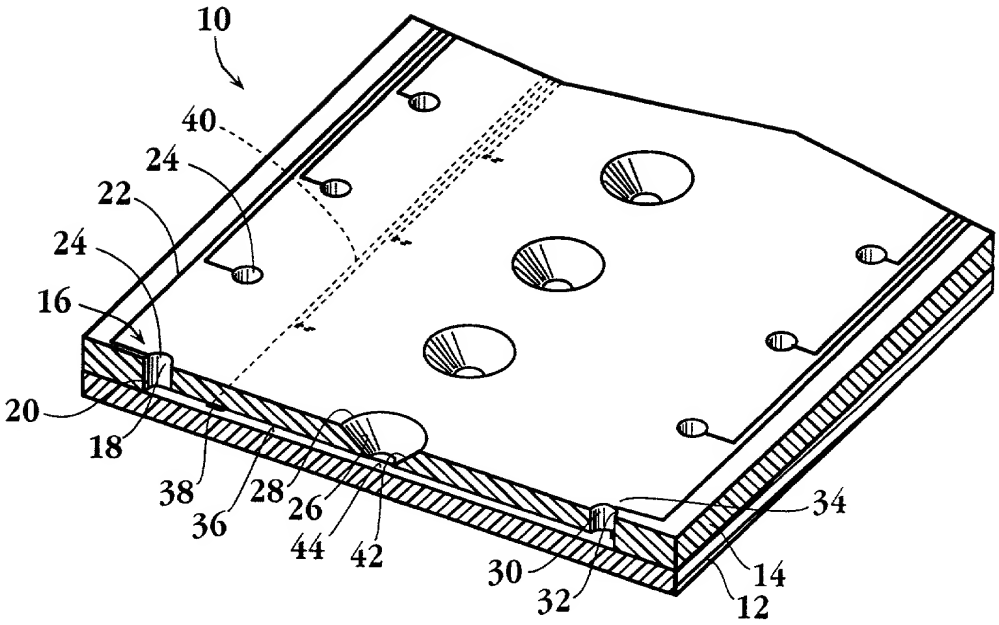

Fig. 1

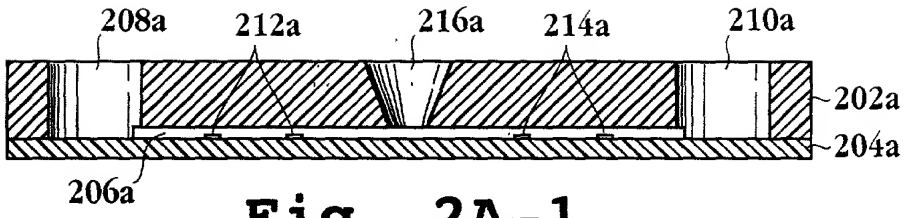

Fig. 2A-1

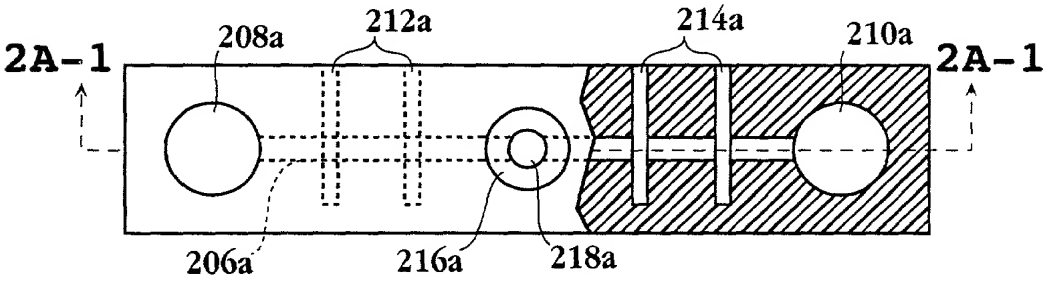

Fig. 2A

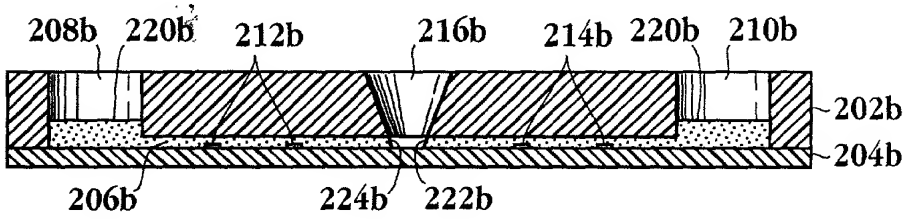

Fig. 2B-1

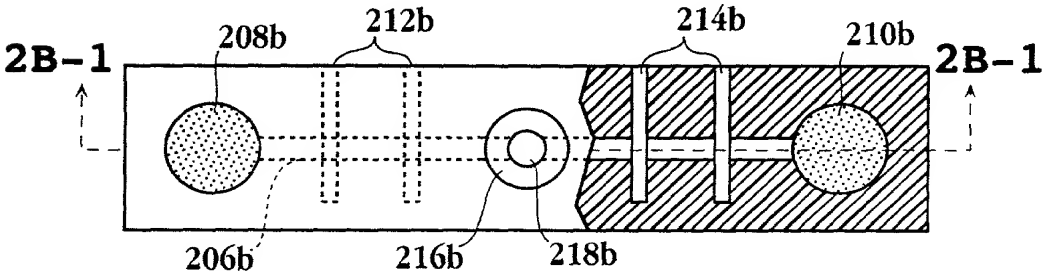

Fig. 2B

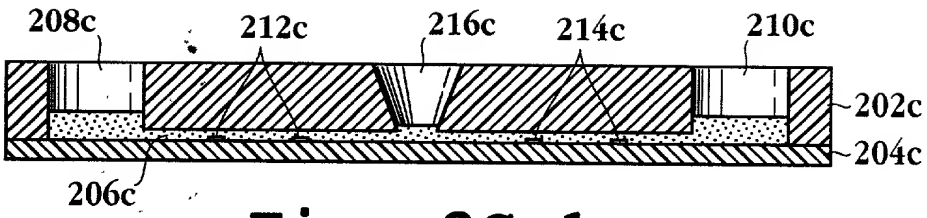

Fig. 2C-1

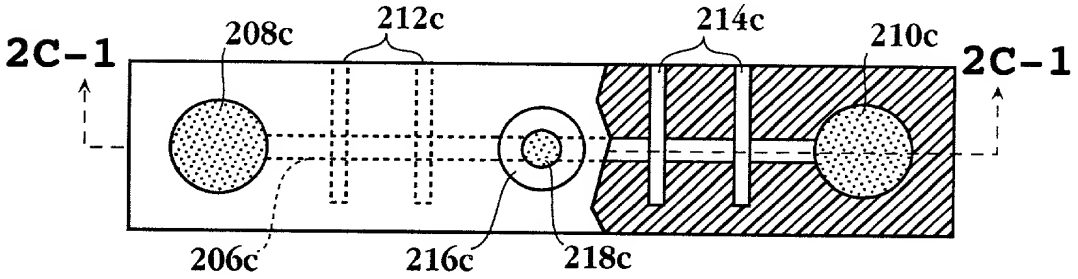

Fig. 2C

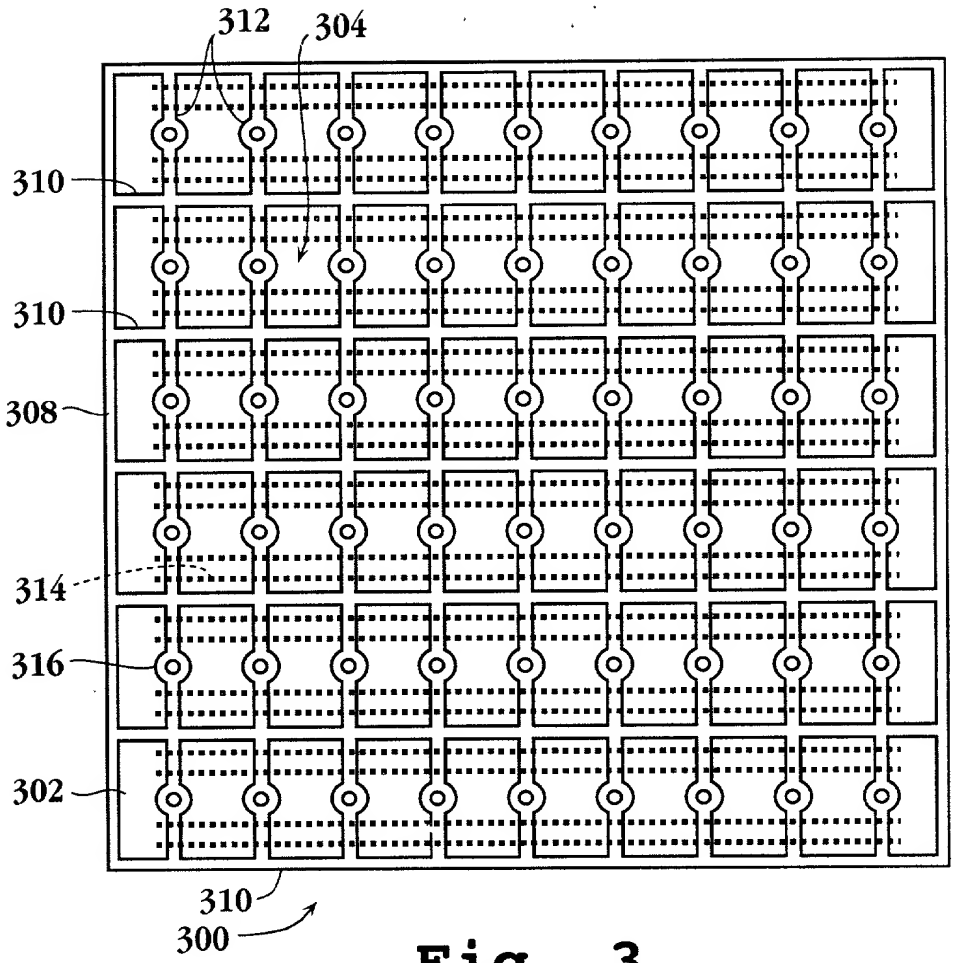

Fig. 3

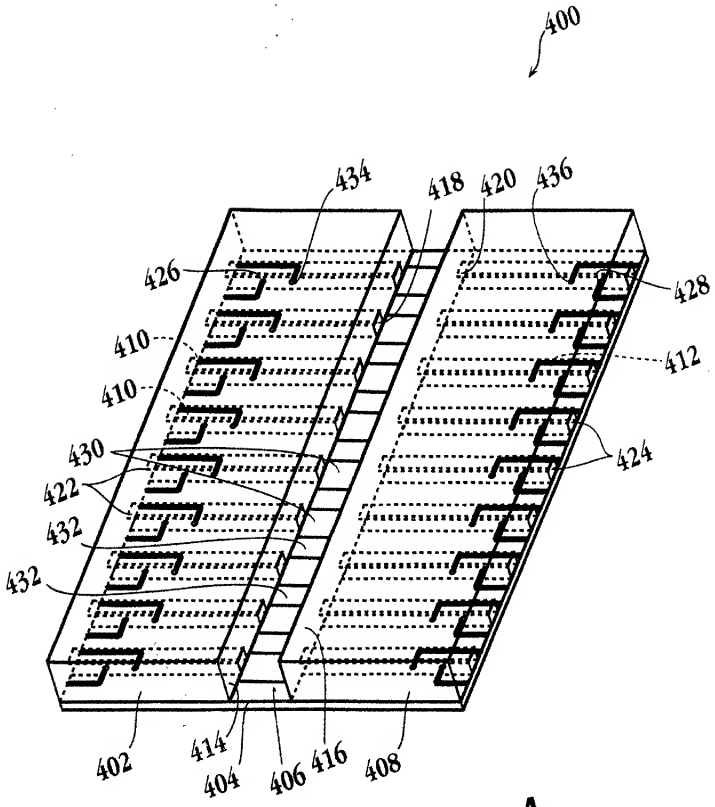
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Fig. 4

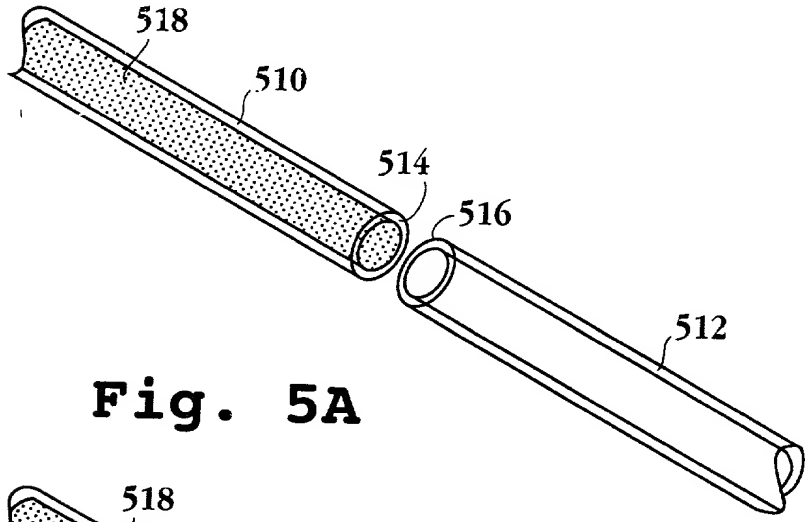


Fig. 5A

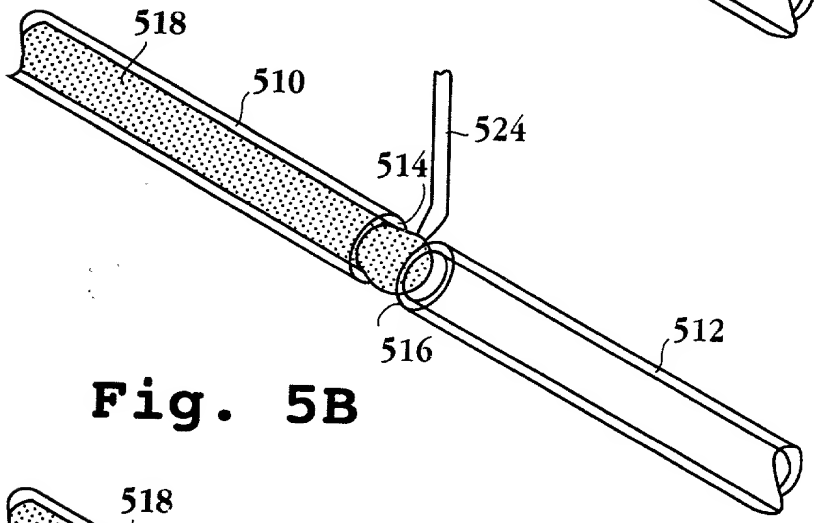


Fig. 5B

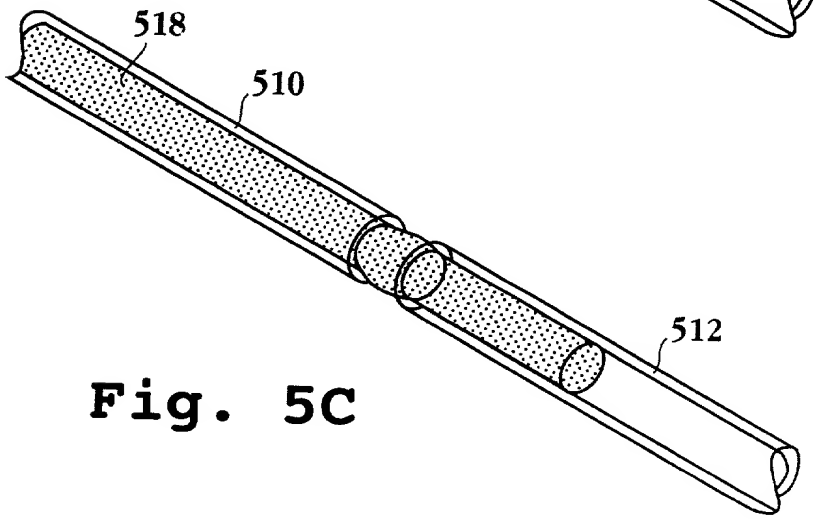


Fig. 5C

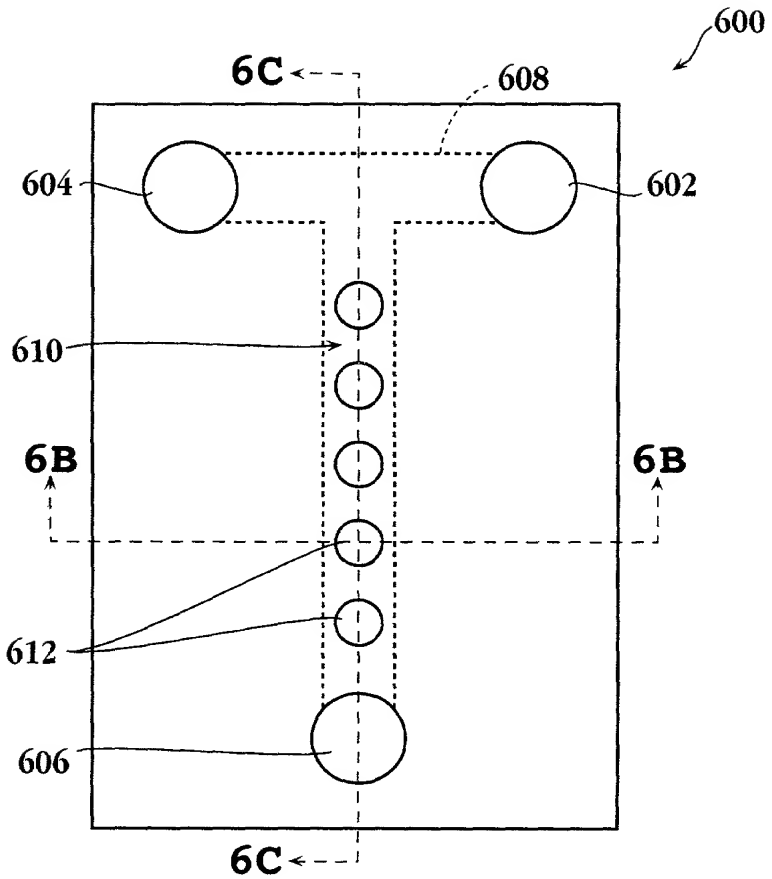


Fig. 6A

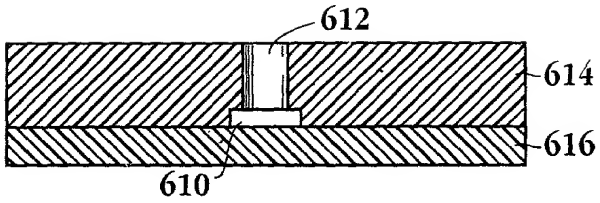


Fig. 6B

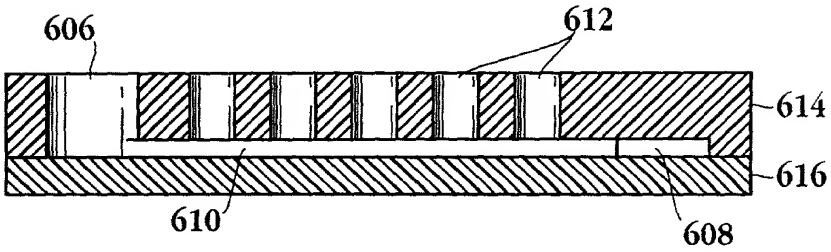


Fig. 6C

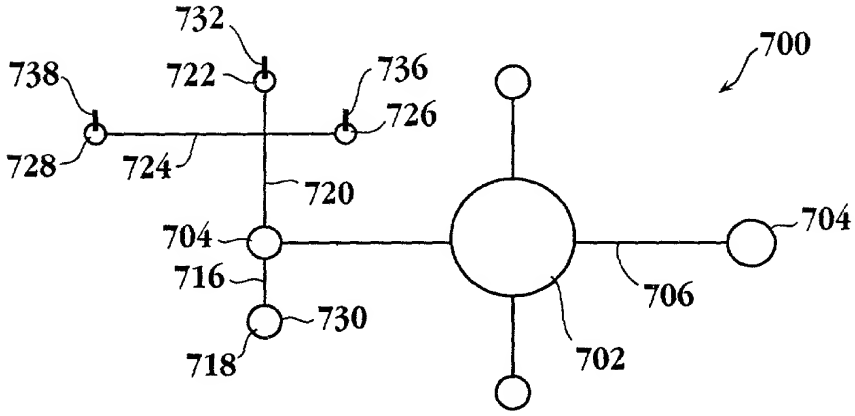


Fig. 7A

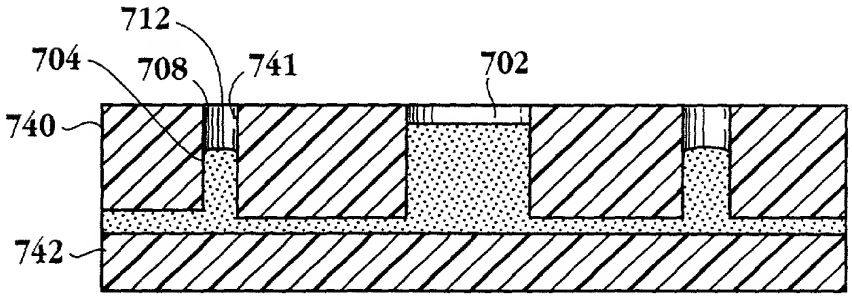


Fig. 7B

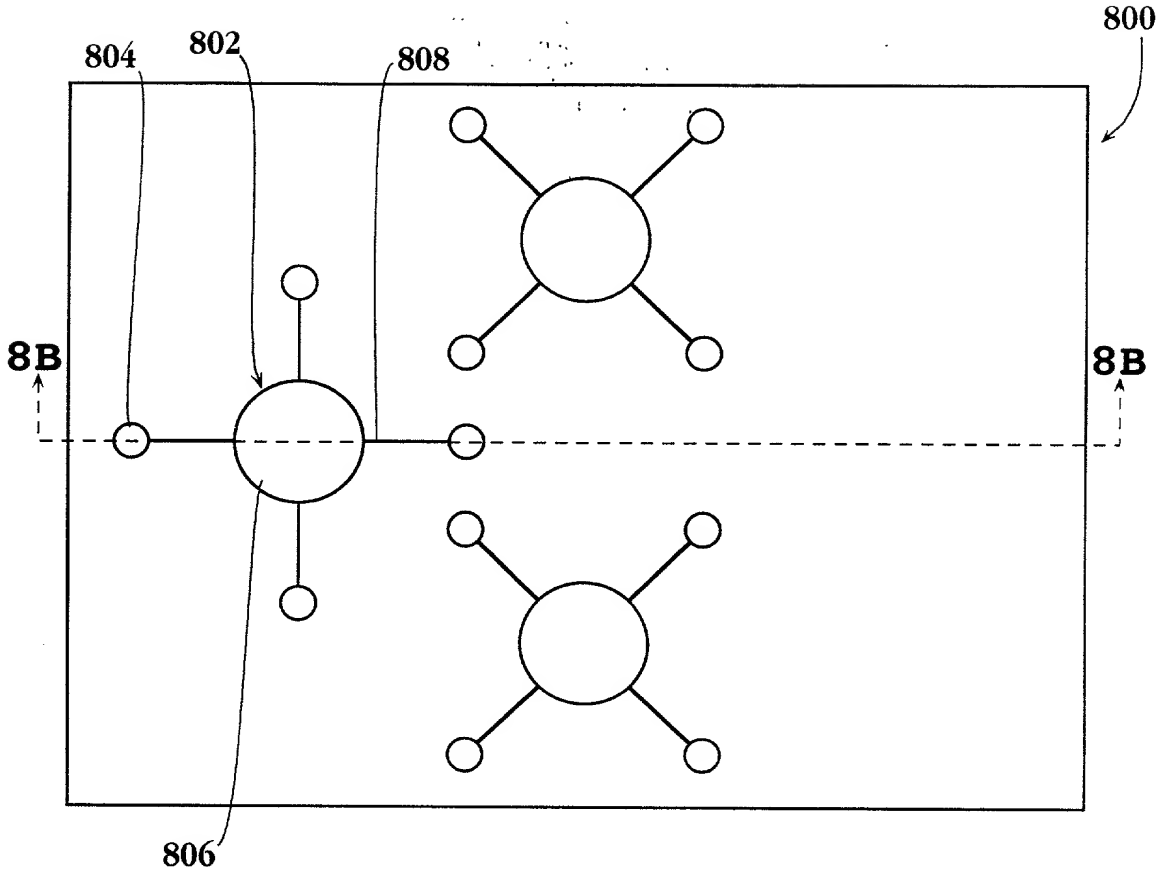


Fig. 8A

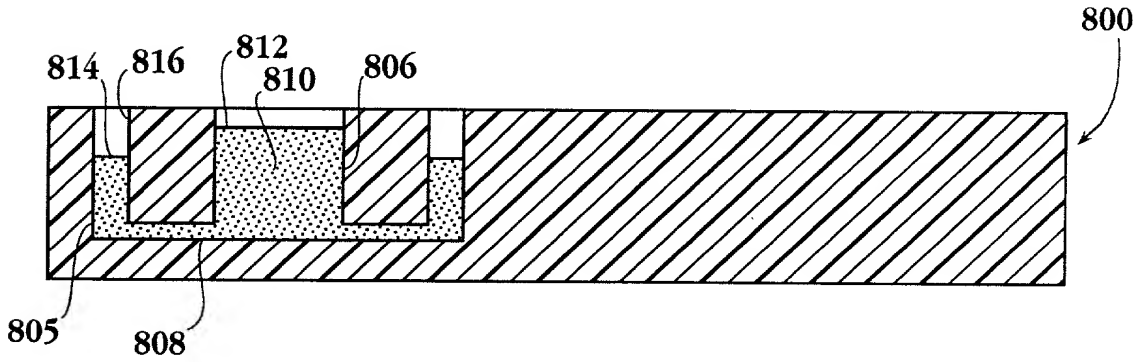


Fig. 8B

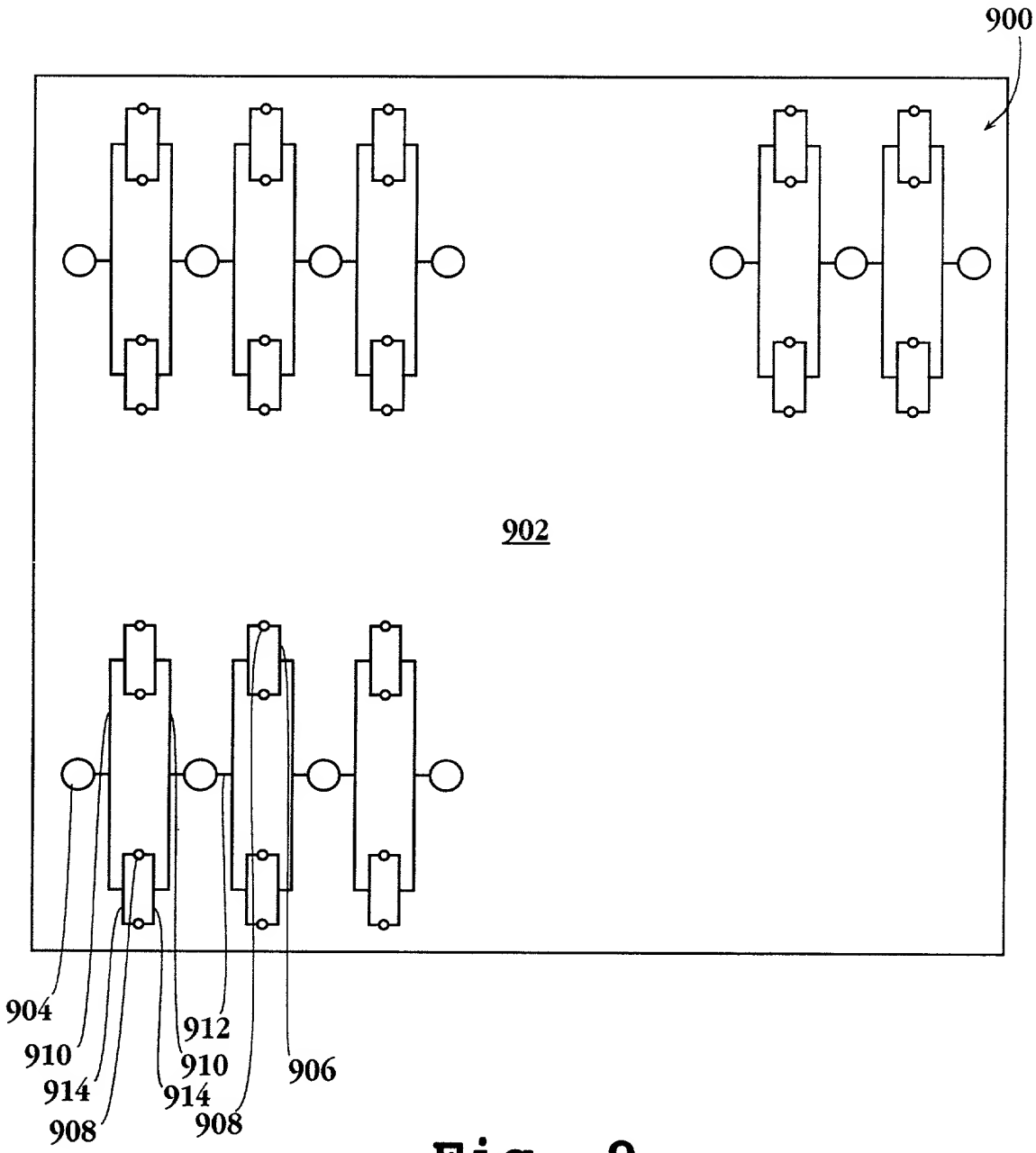


Fig. 9

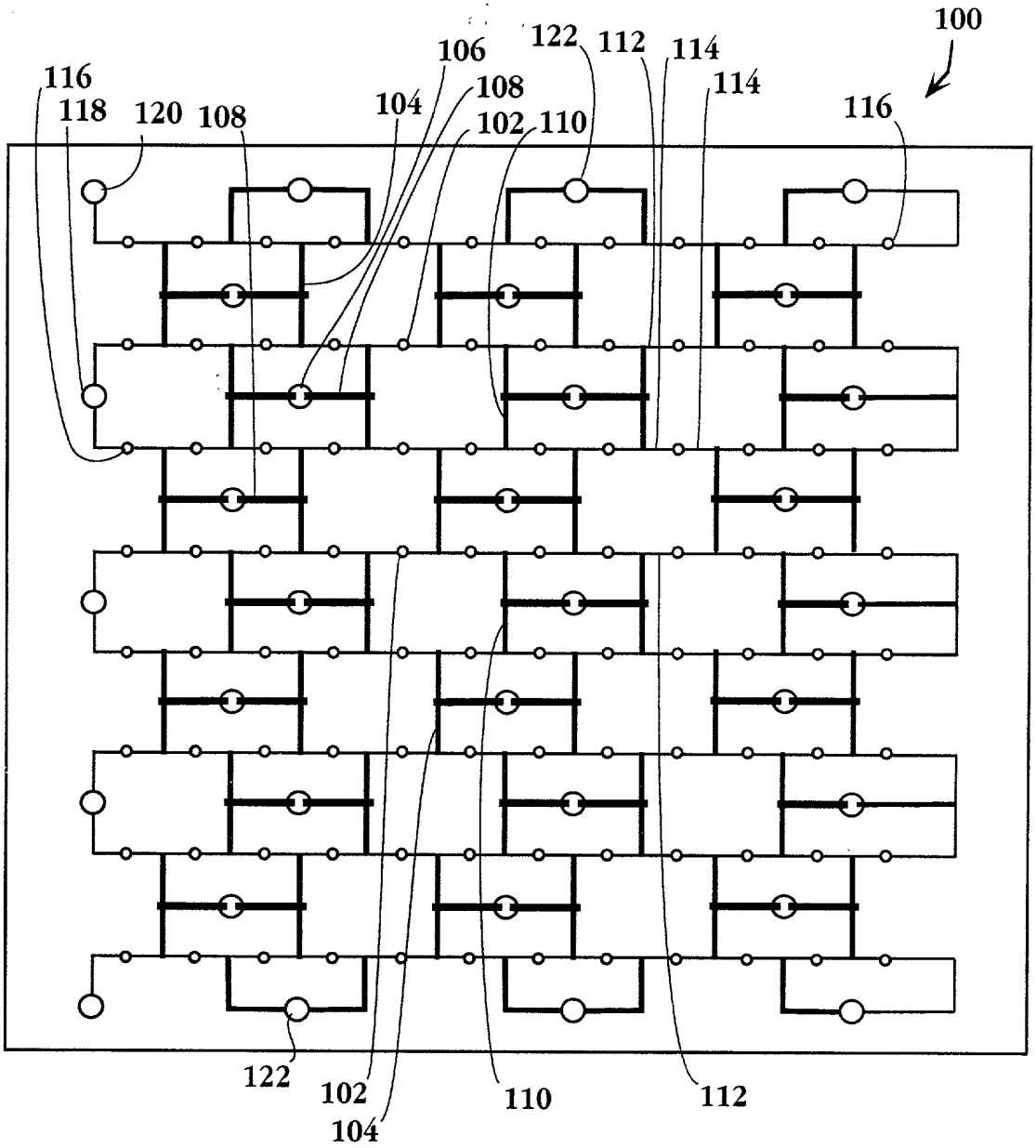


Fig. 10

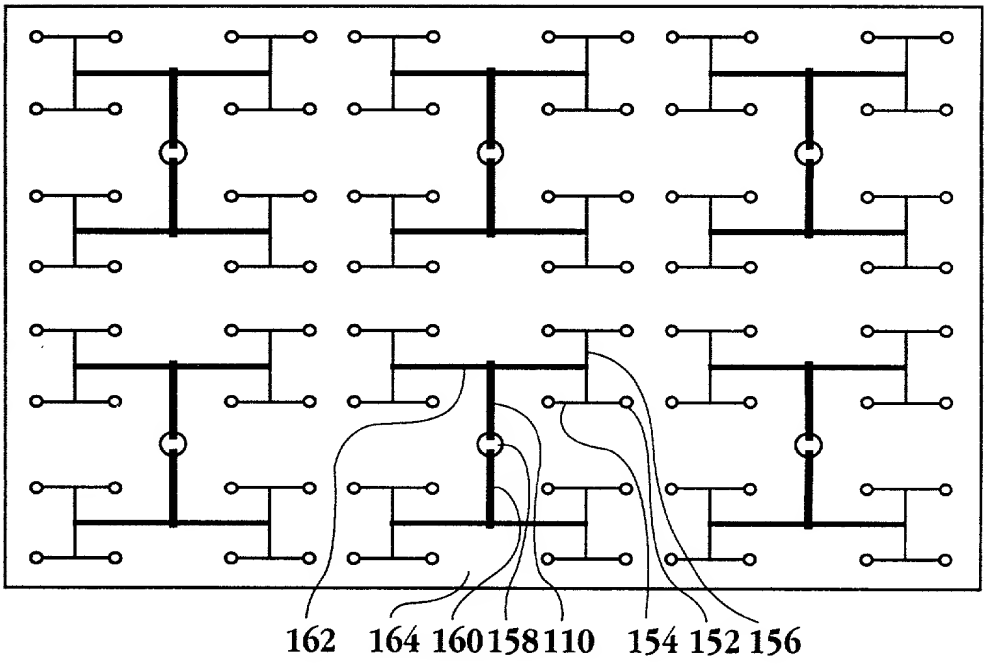


Fig. 11

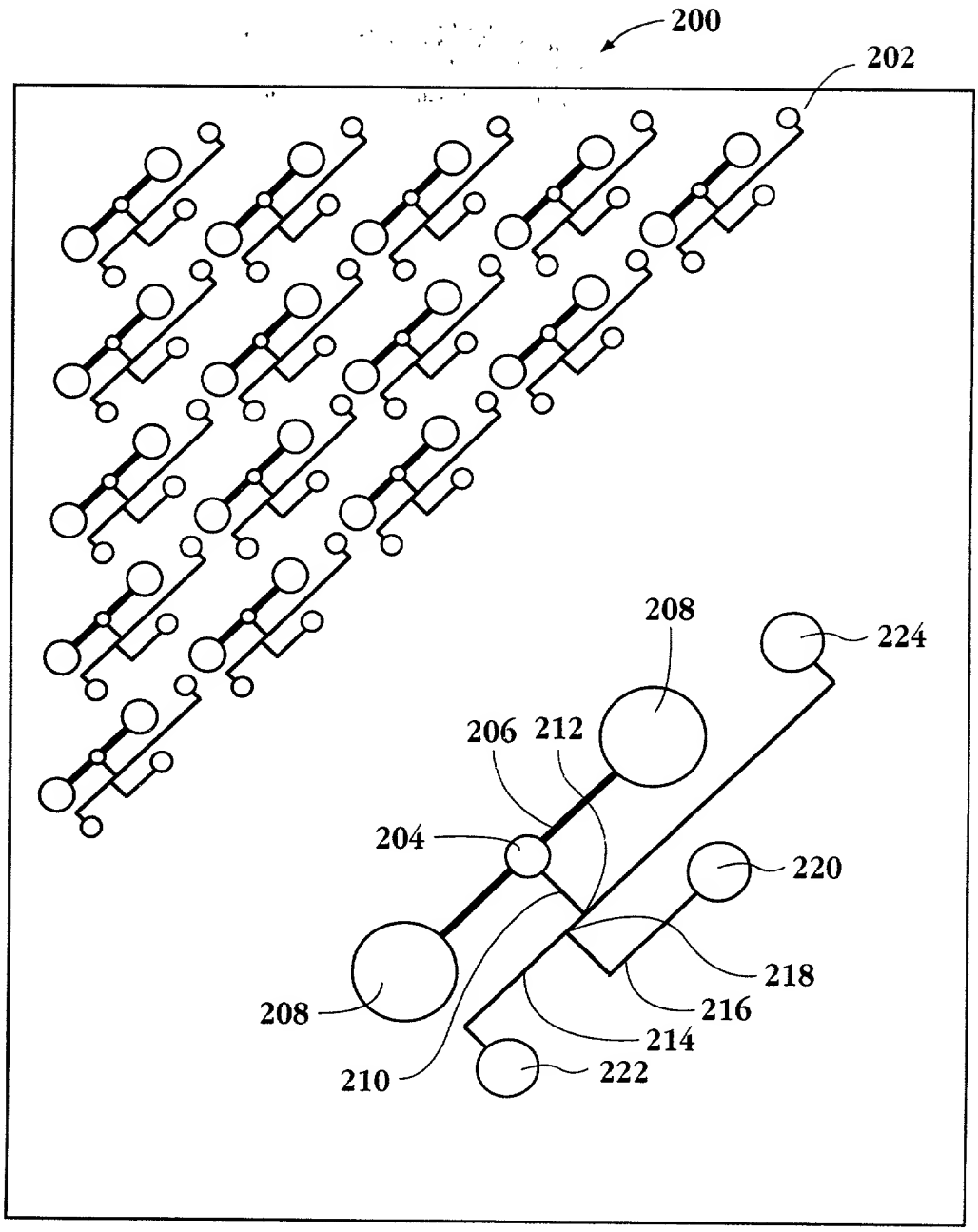


Fig. 12

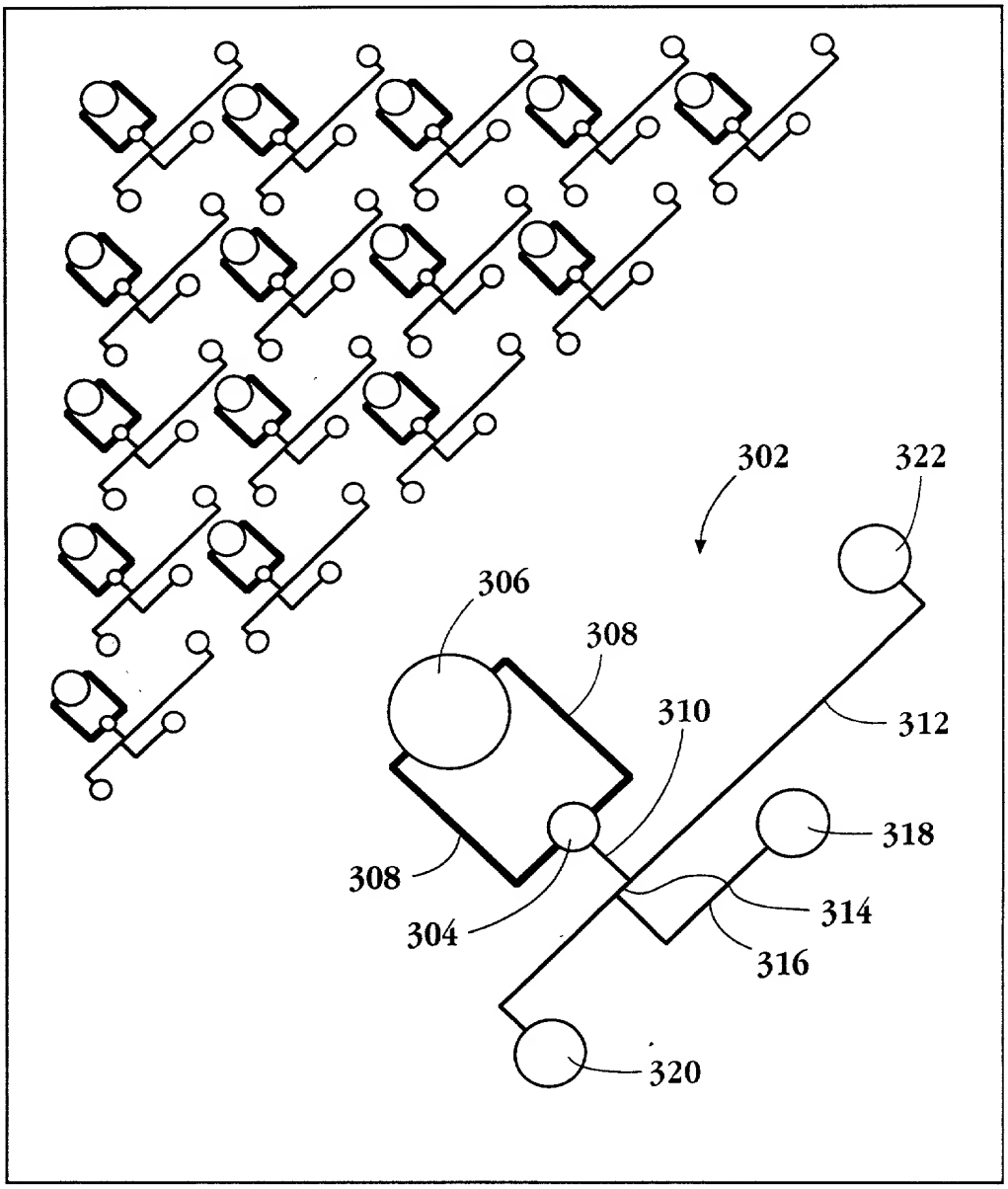


Fig. 13

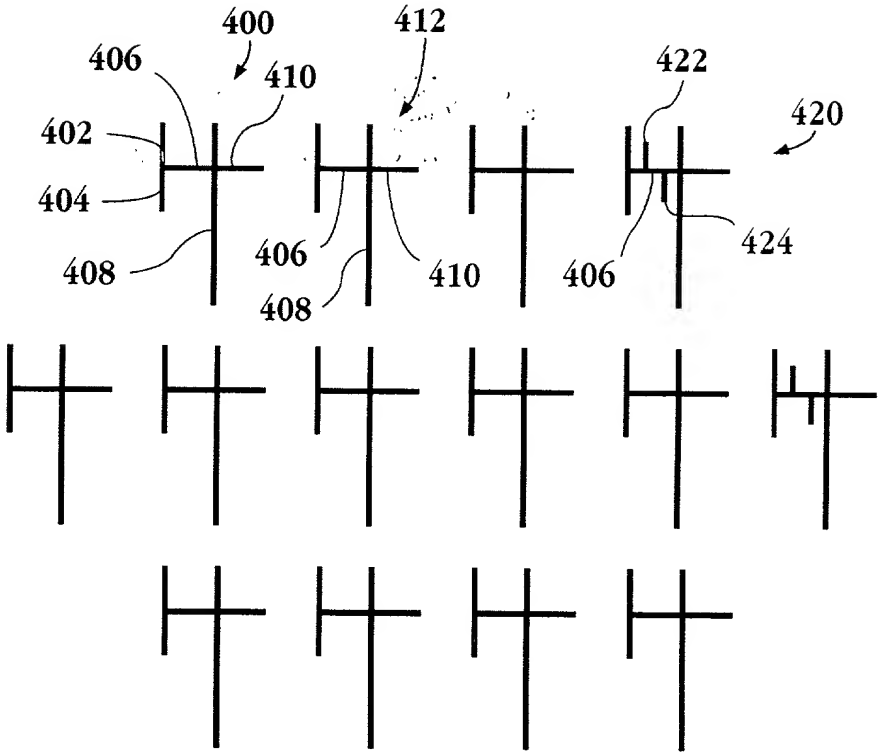


Fig. 14

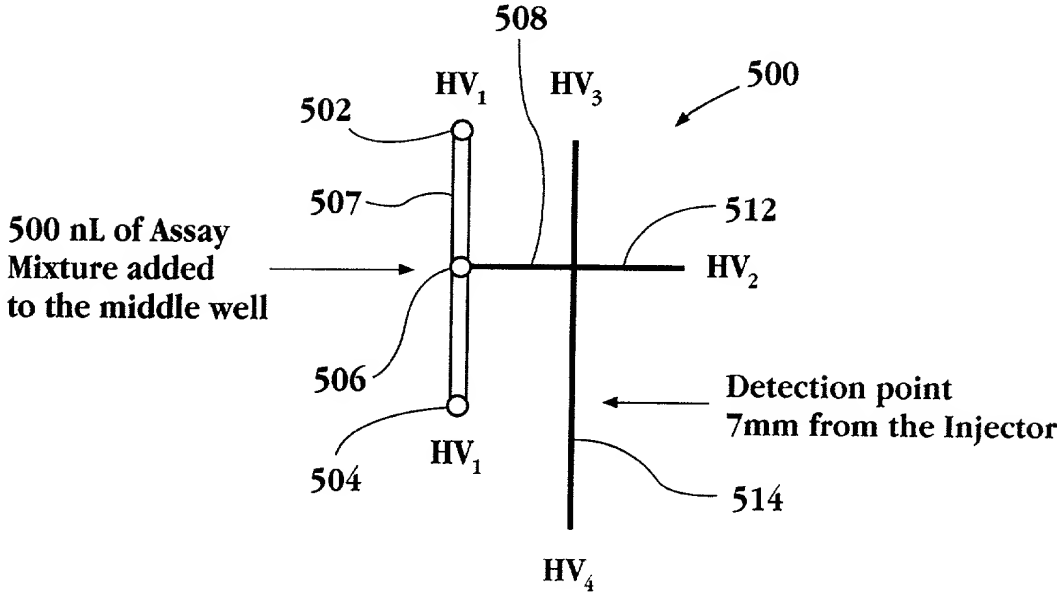
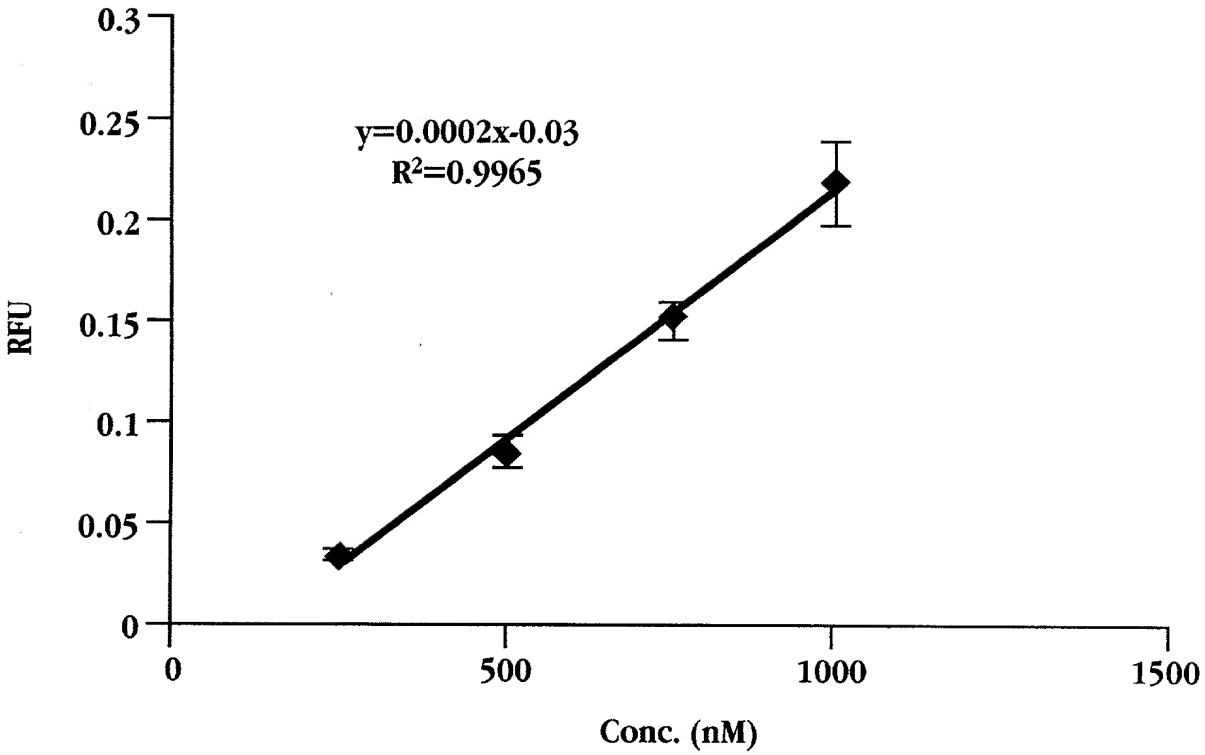


Fig. 15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R2=0.9965
RFU
0.3
0.25
0.2
0.15
0.1
0.05
0
0
500
1000
1500
Conc. (nM)

Fig. 16

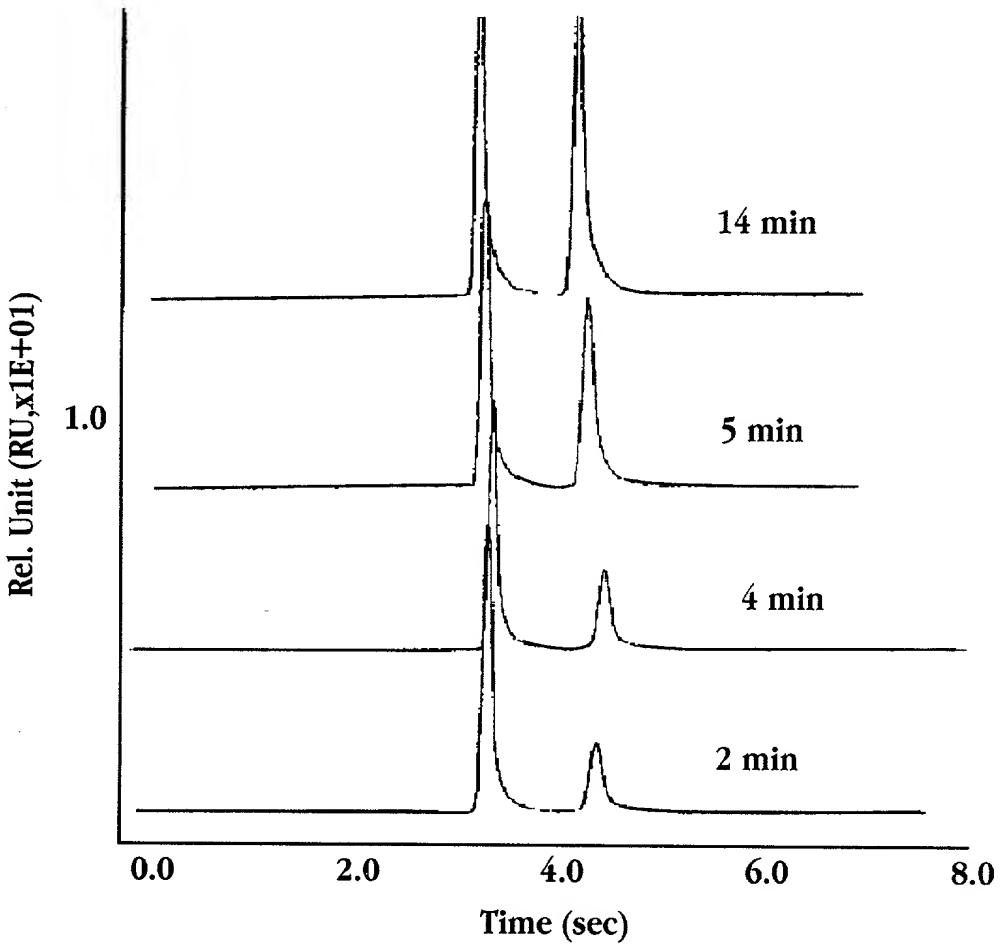
14 min
5 min
4 min
2 min
Rel. Unit (RU,x1E+01)
1.0
0.0
2.0
4.0
6.0
8.0
Time (sec)

Fig. 17

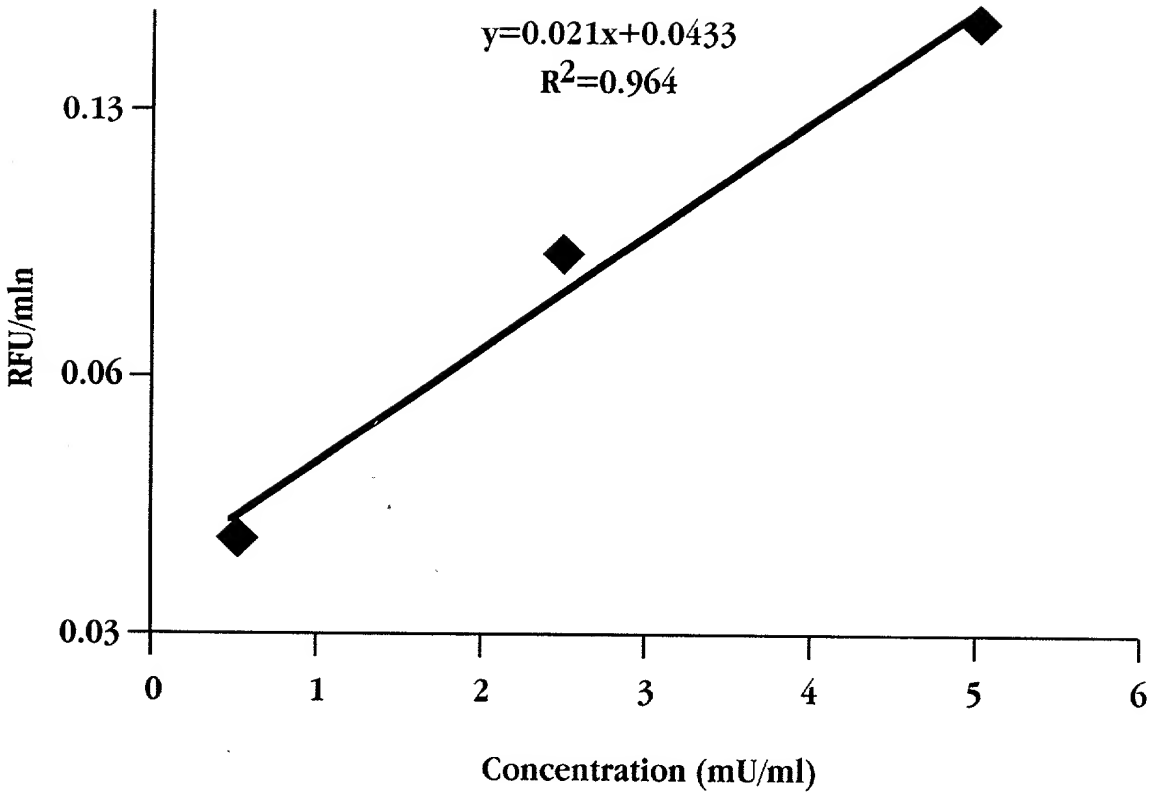
y=0.021x+0.0433
R2=0.964
0.13
0.06
0.03
RFU/mln
0
1
2
3
4
5
6
Concentration (mU/ml)

Fig. 18

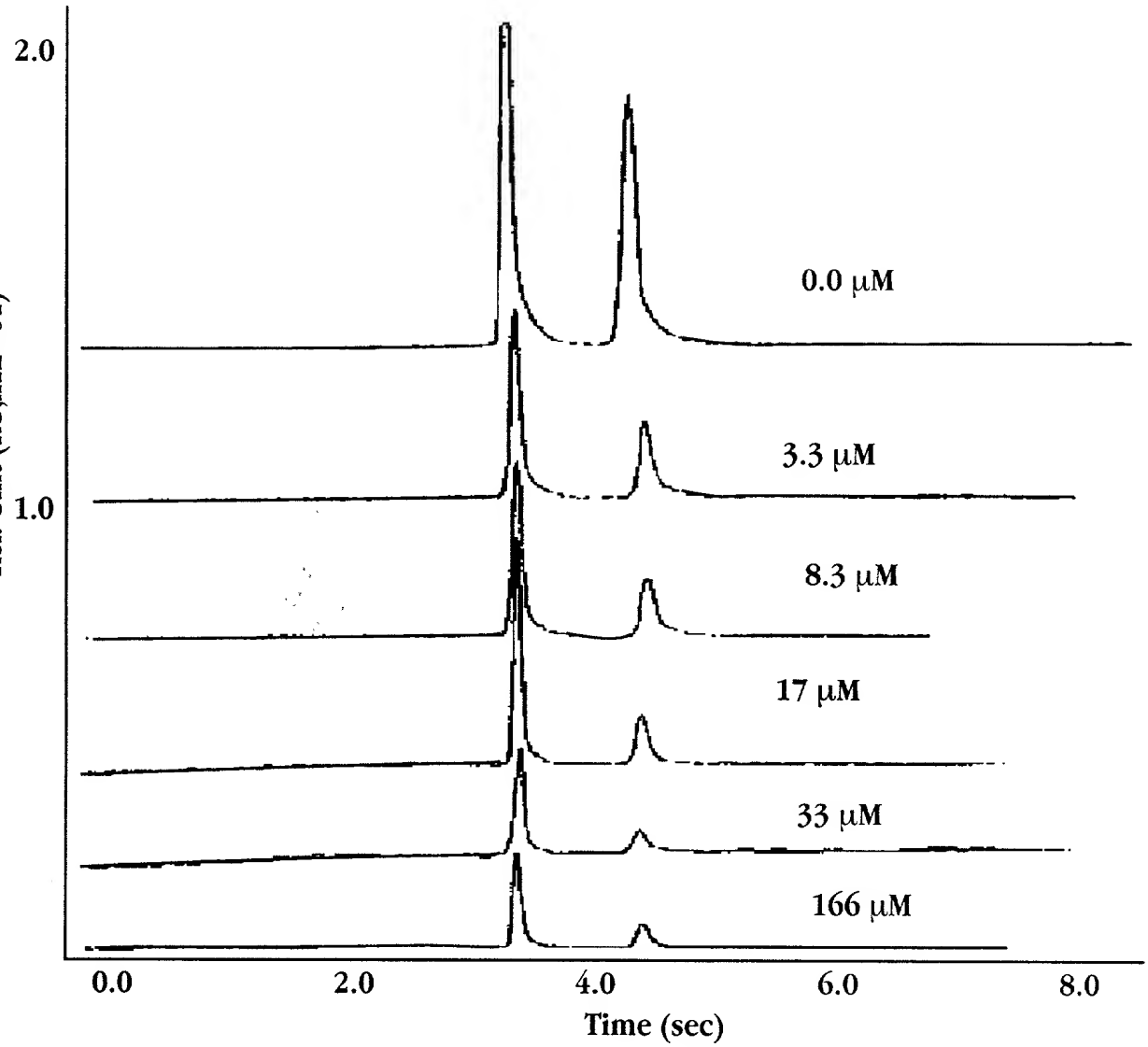
2.0
1.0
Rel. Unit (RU,x1E+01)
0.0 μM
3.3 μM
8.3 μM
17 μM
33 μM
166 μM
0.0
2.0
4.0
6.0
8.0
Time (sec)

Fig. 19

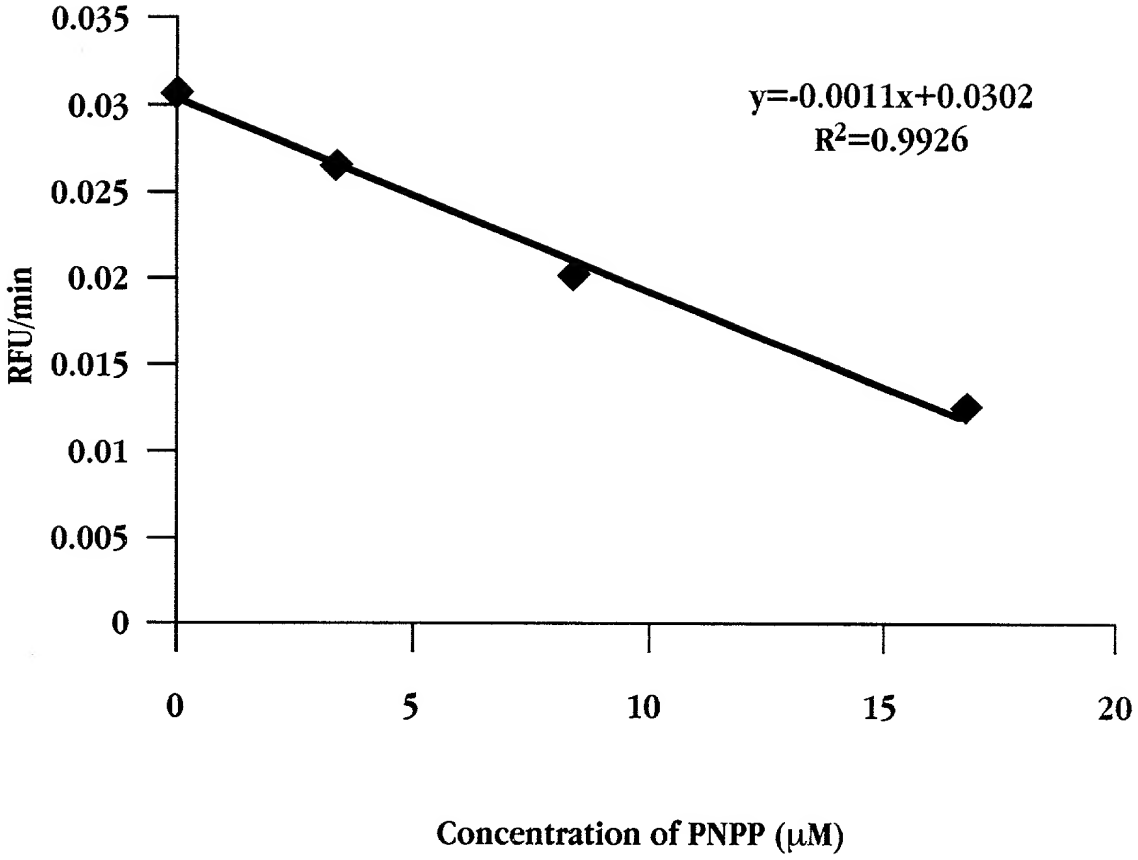
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
RFU/min
y=-0.0011x+0.0302
R2=0.9926
0
5
10
15
20
Concentration of PNPP (μM)

Fig. 20